# PSM Codes /Primavera Activities / SWAT Dashboard

Presented by:

**Pete McGilvray** 

October 2015



#### **Environmental Management PSM Codes**

NOTES:

Primavera Activities - for each tracked PSM code below, primavera MUST use EITHER the PSM code followed by all zeros (705000000) or the PSM code followed by 10,000 (705010000) Reports displaying Projected Finish vs Actual Finish are always looking at the completion date for the PSM activity or milestone (even if it represents a start date (SEIR START)) - in Primavera, these are Early Finish and Actual Finish for the coorespoding primavera activity

		La contraction of the contractio	Required by COA?							
PSM Code	Activity to Track	Description	CE 2	EA	EIS	SEIR	SWAT			
700	ETDM/ETAT PROGRAMMING SCREEN START	ENTER START DATE FOR SCREENING EVENT	Yes	Yes	Yes	Yes				
701	ETDM PROGRAMMING PRELIMINARY SUMMARY REPORT PUBLISHED	ENTER DATE FOR PRELIM PROGRAMMING SCREEN PUBLISH	Yes	Yes	Yes	Yes				
702	ETDM PROGRAMMING FINAL SUMMARY REPORT PUBLISHED	ENTER DATE FOR FINAL PROGRAMMING SCREEN PUBLISH	Yes	Yes	Yes	Yes				
703	PD&E SCOPE AND SCHEDULE COMPLETION	DATE FOR SCOPE AND SCHEDULE COMPLETION	Yes	Yes	Yes	Yes				
224	ADVANCE NOTIFICATION	DATE AN SENT (CAN BE SAME IF W/PROGRAMMING SCREEN)	Yes	Yes	Yes	Yes				
705	PD&E ADVERTISEMENT	PD&E ADVERTISEMENT DATE	Yes	Yes	Yes	Yes	Yes			
706	TYPE 2 CE START	ENTER TYPE 2 START DATE	Yes							
707	EA START	ENTER EA START DATE		Yes						
708	NOI - EIS START	ENTER NOTICE OF INTENT DATE			Yes					
709	SEIR START	ENTER SEIR START DATE				Yes	Yes			
710	PLANNING CONSISTENCY COMPLETION	ENTER DATE FOR PLANNING CONSISTENCY	Yes	Yes	Yes					
711	ALTERNATIVES WORKSHOP	DATES FOR ALTERNATIVES WORKSHOP(S)	Yes	Yes	Yes	YES				
712	ALTERNATIVES DEVELOPMENT COMPLETE	DATES FOR ALTERNATIVES DEVELOPMENT COMPLETE	Yes	Yes	Yes	YES				
713	DISTRICT QC OF DRAFT ENVIRONMENTAL DOCUMENT	DATES FOR INTERNAL DISTRICT QC OF DOCUMENT	Yes	Yes	Yes	Yes				
714	DEIS TO SEMO	DATE DEIS TO SEMO			Yes					
715	DEIS SEMO APPROVAL	DATE OF SEMO APPROVAL			Yes					
716	DEIS TO FHWA	DATE DEIS TO FHWA			Yes					
717	DEIS FHWA APPROVAL	DATE FHWA APPROVAL OF DEIS			Yes					
718	EA TO SEMO	DATE EA TO SEMO		Yes						
719	EA APPROVED SEMO	DATE OF SEMO APPROVAL OF EA		Yes						
720	EA TO FHWA	DATE EA TO FHWA		Yes						
	FA APPROVED EHWA	DATE EHWA APPROVAL OF FA		Vas						
EMO PSM Cod	es - May 2015 EMO PSM Codes - SWAT Tracked EMO PSM Codes - SEIR E	MO PSM Codes - Type 2 CE   EMO PSM Codes - EA   EMO PSM Codes - EIS   (+)	EMO PSM Codes - May 2015 EMO PSM Codes - SWAT Tracked EMO PSM Codes - SER EMO PSM Codes - SER EMO PSM Codes - EA EMO PSM CODE - EMO							

State Wide Acceleration and Transformation (SWAT) Dashboard

Detailed View LPDF LEdit Year 😱 ROW ( US 17/92 HINSON AVE FROM SR 17 (10TH Weak purpose & need. May not progress past feasability study 14/15 431351-1 STREET) TO 17TH STREET (SWITCH TO Yes STATE FUNDS) 14/15 435821-1 SR 200 (US 301) AT CRAWFORD ROAD STARKE RR OVERPASS FROM US 301 TO 14/15 Yes Type II CE: 36 / 29 SR-714/SW MARTIN HWY FROM CITRUS 14/15 BLVD. TO SW MARTIN DOWNS BLVD. Type II CE : 36 / 26





# Why new PSM Codes and Primavera Activities for Environmental Work?

- Department making environmental work part of tracked FDOT Production Schedule
  - Reviewed by Executive Board each month
- Talking to Districts and looking at actual PSM schedules in work program focusing on the usage of existing environmental codes and activities
  - Same code represented different action/activity or point in time in different Districts
  - Same code used differently on different projects in the same District
  - Large inventory of misuse of existing codes on projects already in work program from previous years



# Why new PSM Codes and Primavera Activities for Environmental Work?

- Need
  - clean break
  - common understanding of code/activity use and interpretation
  - No intention to impact past projects existing codes remain active – not deprecated
  - provide better support



# Why new PSM Codes and Primavera Activities for Environmental Work?

- Management tracking reports require apple to apple comparisons
- Developing realistic schedules
- Supporting NEPA delegation
  - Anticipating reviews throughout the year
  - Self-assessments
  - Responding to Audit requests



# **Environmental Management PSM Codes**

#### **Environmental Management PSM Codes**

#### NOTES:

Primavera Activities - for each tracked PSM code below, primavera MUST use EITHER the PSM code followed by all zeros (705000000) or the PSM code followed by 10,000 (705010000)

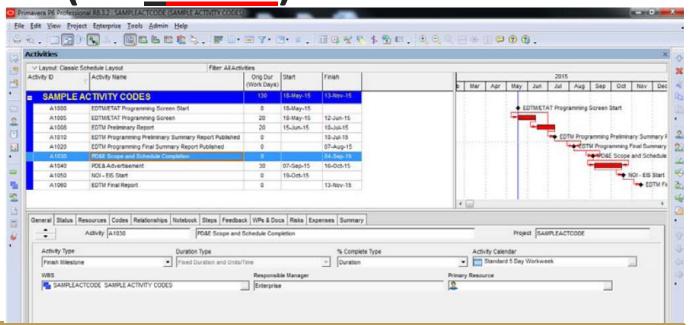
Reports displaying **Projected Finish** vs **Actual Finish** are always looking at the completion date for the PSM activity or milestone (even if it represents a start date [SEIR START]) - in Primavera, these are Early Finish and Actual Finish for the coorespoding primavera activity

			Requ	uired	by C	OA?	
PSM Code	Activity to Track	Description	CE 2	EA	EIS	SEIR	SWAT
700	ETDM/ETAT PROGRAMMING SCREEN START	ENTER START DATE FOR SCREENING EVENT	Yes	Yes	Yes	Yes	
701	ETDM PROGRAMMING PRELIMINARY SUMMARY REPORT PUBLISHED	ENTER DATE FOR PRELIM PROGRAMMING SCREEN PUBLISH	Yes	Yes	Yes	Yes	
702	ETDM PROGRAMMING FINAL SUMMARY REPORT PUBLISHED	ENTER DATE FOR FINAL PROGRAMMING SCREEN PUBLISH	Yes	Yes	Yes	Yes	
703	PD&E SCOPE AND SCHEDULE COMPLETION	DATE FOR SCOPE AND SCHEDULE COMPLETION	Yes	Yes	Yes	Yes	
224	ADVANCE NOTIFICATION	DATE AN SENT (CAN BE SAME IF W/PROGRAMMING SCREEN)	Yes	Yes	Yes	Yes	
705	PD&E ADVERTISEMENT	PD&E ADVERTISEMENT DATE	Yes	Yes	Yes	Yes	Yes
706	TYPE 2 CE START	ENTER TYPE 2 START DATE	Yes				
707	EA START	ENTER EA START DATE		Yes			
708	NOI - EIS START	ENTER NOTICE OF INTENT DATE			Yes		
709	SEIR START	ENTER SEIR START DATE				Yes	Yes
710	PLANNING CONSISTENCY COMPLETION	ENTER DATE FOR PLANNING CONSISTENCY	Yes	Yes	Yes		
711	ALTERNATIVES WORKSHOP	DATES FOR ALTERNATIVES WORKSHOP(S)	Yes	Yes	Yes	YES	
712	ALTERNATIVES DEVELOPMENT COMPLETE	DATES FOR ALTERNATIVES DEVELOPMENT COMPLETE	Yes	Yes	Yes	YES	
713	DISTRICT QC OF DRAFT ENVIRONMENTAL DOCUMENT	DATES FOR INTERNAL DISTRICT QC OF DOCUMENT	Yes	Yes	Yes	Yes	
714	DEIS TO SEMO	DATE DEIS TO SEMO			Yes		
715	DEIS SEMO APPROVAL	DATE OF SEMO APPROVAL			Yes		
716	DEIS TO FHWA	DATE DEIS TO FHWA			Yes		
717	DEIS FHWA APPROVAL	DATE FHWA APPROVAL OF DEIS			Yes		
718	EA TO SEMO	DATE EA TO SEMO		Yes			
719	EA APPROVED SEMO	DATE OF SEMO APPROVAL OF EA		Yes			
720	EA TO FHWA	DATE EA TO FHWA		Yes			
721	FΔ ΔΡΡΡΩΝ <u>ΕΌ ΕΗΜΙ</u> Δ	ΝΔΤΕ ΕΗΙΜΔ ΔΡΡΚΟΙ/ΔΙ ΩΕ ΕΔ		Ves			
EMO PSM Codes - May 2015 EMO PSM Codes - SWAT Tracked EMO PSM Codes - SEIR EMO PSM Codes - Type 2 CE EMO PSM Codes - EA EMO PSM Codes - EIS							



### Creating Primavera Activities

 Primavera Activities - for each tracked PSM code below, primavera MUST use EITHER the PSM code followed by all zeros (70300000) or the PSM code followed by 10,000 (703010000)



## Centennial FDOT

### Primavera Activities

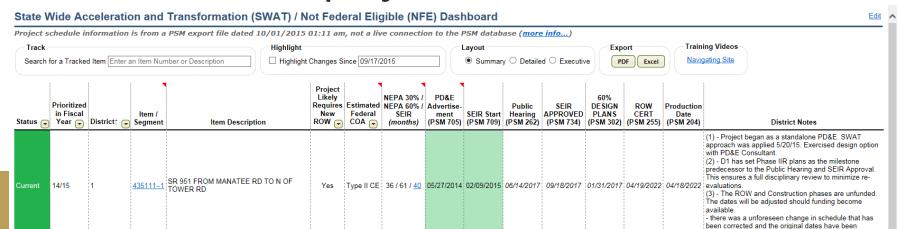
- Use whatever other naming convention you want for pre or post activities to support the milestone
- BUT for <u>ALL EMO Tracked Activities</u> YOU MUST use EITHER the PSM code followed by all zeros (703<u>000000</u>) or the PSM code followed by 10,000 (703<u>010000</u>)
- This is to ensure consistent reporting to management

Environmental Management PSM Codes								
IOTES:								
Primavera Activi	ties - for each tracked PSM code below, primavera MUST use EITH	HER the PSM code followed by all zeros (705 <u>000000</u> ) or the PSM code followed	by 10	,000	(705	<u>01000</u>	00)	
Reports displayin	g <b>Projected Finish</b> vs <b>Actual Finish</b> are always looking at the comp	letion date for the PSM activity or milestone (even if it represents a start date [SE	R STAF	RT]) -	in Pr	imave	ra, the	
are Early Finish a	nd Actual Finish for the coorespoding primavera activity							
			Required by COA?					
PSM Code	Activity to Track	Description	CE 2	EA	EIS	SEIR	SWA	
700	ETDM/ETAT PROGRAMMING SCREEN START	ENTER START DATE FOR SCREENING EVENT	Yes	Yes	Yes	Yes		
701	ETDM PROGRAMMING PRELIMINARY SUMMARY REPORT	ENTER DATE FOR PRELIM PROGRAMMING SCREEN PUBLISH						
	PUBLISHED		Yes	Yes	Yes	Yes		
702	ETDM PROGRAMMING FINAL SUMMARY REPORT PUBLISHED	ENTER DATE FOR FINAL PROGRAMMING SCREEN PUBLISH	Yes	Yes	Yes	Yes		
703	PD&E SCOPE AND SCHEDULE COMPLETION	DATE FOR SCOPE AND SCHEDULE COMPLETION	Yes	Yes	Yes	Yes		
224	ADVANCE NOTIFICATION	DATE AN SENT (CAN BE SAME IF W/PROGRAMMING SCREEN)	Yes	Yes	Yes	Yes		
705	PD&E ADVERTISEMENT	PD&E ADVERTISEMENT DATE	Yes	Yes	Yes	Yes	Ye	
706	TVPE 2 CE START	ENTER TYPE 2 START DATE	Vac					

## Centennial FDOT

### SWAT Dashboard

- Reviewed by Executive Board monthly
- Priority Projects following State Process
- Specific Milestones tracked
  - Green = Early or on-time
  - Yellow = less than 2 weeks late
  - Red = more than 2 weeks late
- Will do for other projects and COAs



### SWAT Dashboard



Not a live connection

Search by FM #

or Project Name State Wide Accelerat AT) / Not Federal Eligible (NFE) Dashboard Edit Project schedule information 0701/2015 01:11 am, not a live connection to the PSM database (more in Tracked Project na Videos Track Highlight Lavout Search for a Tracked Item Enter an Item Number or Description ☐ Highlight Changes Since 09/17/2015 Summary ○ Detailed ating Site Milestones Detailed View, Project PDF, and EDIT Likely NFPΔ 30% / Prioritized Requires Estimated NEPA 60% / Advertise-Public SEIR DESIGN ROW Production SEIR Start APPROVED PLANS in Fiscal Federal SEIR CERT New ment Hearing Year 😱 District† Segme ROW 🕞 COA 🕞 (months) (PSM 705) (PSM 709) (PSM 262) (PSM 734) (PSM 302) (PSM 255) (PSM 204) **District Notes** Link to Work (1) - Project began as a standalone PD&E, SWAT approach was applied 5/20/15. Exercised design option Program Info **NEPA Estimate vs SEIR** with PD&E Consultant. (2) - D1 has set Phase IIR plans as the milestone predecessor to the Public Hearing and SEIR Approval. Estimate - Link to PSM This ensures a full disciplinary review to minimize re-R 951 FROM MANATEE RD TO N OF 14/15 Type II CE 36 / 61 / 40 05/27/201 (3) - The ROW and Construction phases are unfunded. The dates will be adjusted should funding become available - there was a unforeseen change in schedule that has been corrected and the original dates have been repopulated Timeline determined by developer's construction schedule. Grant from Écon Dev. Office. \*A public 14/15 435821-1 SR 200 (US 301) AT CRAWFORD ROAD Type II CE 36 / 61 / 14 01/05/2015 06/17/2015 02/26/2016 10/20/2017 12/09/2022 01/20/2023 hearing is not required for this project since it is a NMSA. \*\*ROW phase is not currently funded. PD&E is underway. Working through stakeholder STARKE RR OVERPASS FROM US 301 TO 14/15 EΑ 62 / 92 / 33 02/04/2014 06/09/2015 09/01/2016 11/01/2016 12/04/2017 09/05/2019 12/06/2019 coordination. Alternatives public meeting scheduled for EAST OF CSX RR August 17, 2015. 218946-4 Feasibility Study In Progress: 218946-6 PD&E QUINCY LOOP NORTH FROM SR 12 TO and Design funded in FY 2016 and Right of Way and 15/16 ĖΕΑ 62 / 92 / 33 09/30/2015 01/20/2016 01/19/2018 06/29/2018 Current SR 267 Construction are Unfunded. Pending Design contract execution Pre-work is underway. Production date does not include SR-714/SW MARTIN HWY FROM CITRUS Current Type II CE: 36 / 61 / 24 01/27/2016 07/29/2016 11/09/2017 01/17/2018 01/30/2018 01/23/2020 08/06/2018 duration need for RW. RW and Construction are BLVD. TO SW MARTIN DOWNS BLVD. The PD&E had already started when it was identified as a SWAT project. Time was added to the schedule to scope and negotiate the design efforts. ROW will not be funded for this project in this SR 501 FROM MICHIGAN AVENUE TO programming cycle. 14/15 Type II CE: 36 / 61 / 15 02/02/2015 03/13/2015 02/22/2016: 04/29/2016: 07/27/2016 INDUSTRY ROAD The Public Hearing date was moved inadvertently during the last schedule updates and that pushed out the R/W Certified date and Production Dates. The schedule was revised back to the original after the dashboard looked for changes. PD&E schedule is under 433511-1. Design schedule is from 433511-2. Schedules combined in SWAT Dashboard and shown under 433511-1. No-build alternative being recommended for NE 215 ST. Draft NE 203 ST & NE 215 ST INTERSECTION IMPROVMTS BTWN US-1 & W. DIXIE HWY SEIR (along with Design Traffic Memo, Traffic Analysis, 14/15 Type II CE 36 / 61 / 26 10/07/2013 02/04/2015 10/08/2015 12/15/2015 04/14/2016 10/30/2018 11/30/2018 Current Safety Analysis, and environmental documents) was submitted and is in review process. Preparing for Public Hearing in October. Value Engineering took place 7/27-7/31/15. Return-on-Investment (ROI) is in PD&F has been placed in abevance due to the MPO



### SWAT Dashboard - Detailed View

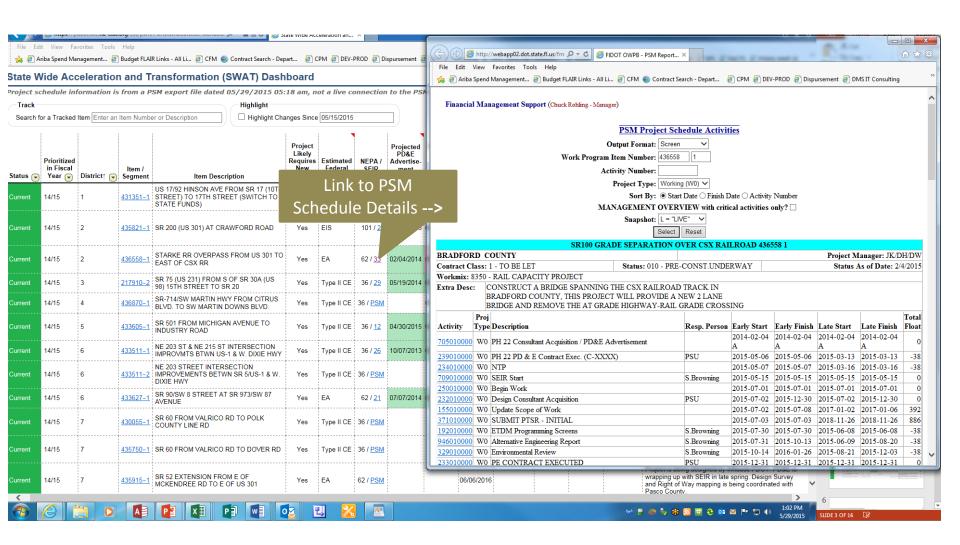
Looking at Projected Verse Measuring Various Actual – remember to **Durations** tion and Transformation (SWAT) Dashboard keep up-to-date on is from a PSM export file dated 05/29/2015 05:18 am, not a live connection to the PSM database ☐ Highlight Changes Since 05/15/2015 Project Likely Schedule Duration Schedule Duration Schedule Duration ublic Hearing SWAT SWAT until SEIR Appro until 60% Design Plan PD&F Advertisem SEIR APPROVED 60% DESIGN PLANS Planning Kickoff Estimated NEPA (PSM 705) (PSM 709) (PSM 262) (months) (months) (months) (PSM 734) (PSM 302) Meeting Meeting Federal SEIR Projected US 17/92 HINSON AVE FROM SR 17 (10TH STREET) TO 17TH STREET (SWITCH TO STATE FUNDS) 03/15/2015 02/26/2015 EIS 435821-1 SR 200 (US 301) AT CRAWFORD ROAD 09/12/2014 02/25/2014 EIS 01/01/2016 06/30/2016 10/06/2017 02/26/2016 08/06/2018 12/09/202 STARKE RR OVERPASS FROM US 301 09/12/2014 02/25/2014 EA 02/04/2014 11/01/2016 09/05/20 05/15/2015 09/01/201 09/25/2017 SR 75 (US 231) FROM S OF SR 30A (US 01/12/2015 01/12/2015 Type II CE 36 / 29 09/24/2014 06/14/2016 11/02/2016 02/25/2015 | 03/19/2015 | Type II CE | 36 / PSI PSM 38 7/29/2016 11/09/2017 01/17/2018 01/30/2018 01/23/202 SR 501 FROM MICHIGAN AVENUE TO 02/25/2015 02/25/2015 Type II CE 15 47 02/02/2015 04/30/2015 02/22/2016 04/29/2016 07/27/2016 04/18/20: NE 203 ST & NE 215 ST INTERSECTION 01/26/2015 | 03/12/2015 | Type II CE | 36 / 26 **PSM** 62 10/14/2015 12/15/2015 IMPROVEMENTS BETWN SR 5/US-1 & W 01/26/2015 | 03/12/2015 | Type II CE | 36 / <u>PSN</u> **PSM** 04/14/2016 10/30/20 SR 90/SW 8 STREET AT SR 973/SW 87 01/28/2015 03/12/2015 EA 07/07/2014 07/07/2014 02/16/2015 02/16/2015 01/19/2016 03/22/2016 08/15/2016 05/27/20 SR 60 FROM VALRICO RD TO POLI 03/05/2015 | 03/05/2015 | Type II CE | 36 / PSN **PSM** 48 06/06/202 SR 52 EXTENSION FROM FIOR 02/28/2015 02/26/2015 EA 06/06/2016 PD&E WIDEN SAWGRASS EXPY-S OF 01/05/2015 06/01/2015 10/31/2016 03/03/2017 01/22/2015 | 01/22/2015 | Type II CE | 01/05/2015 SUNRISE TO S OF US441 (MP .5 TO 18) PD&E WIDEN SAWGRASS S OF US 441 01/22/2015 01/22/2015 Type II CE 10/05/2015 03/28/2016 08/24/2017 12/27/2017 **PSM** 41 TO W OF POWERLINE (MP18-22)

We are looking at Primavera Activities (PSM Codes with all zeros or 010000 (ex: 302000000 or 302010000 and looking at Early Finish and Actual Finish (just like work program)

ation is calculated from Projected PD&E Procurement Date (PSM 705) to Target Production Date (PSM 204) d use the PSM code followed by all zeros or 010000 (705000000 or 705010000 or 255000000) or 255010000) ation and projected schedule milestones were developed by District SWAT and are unique projections based on project specifics

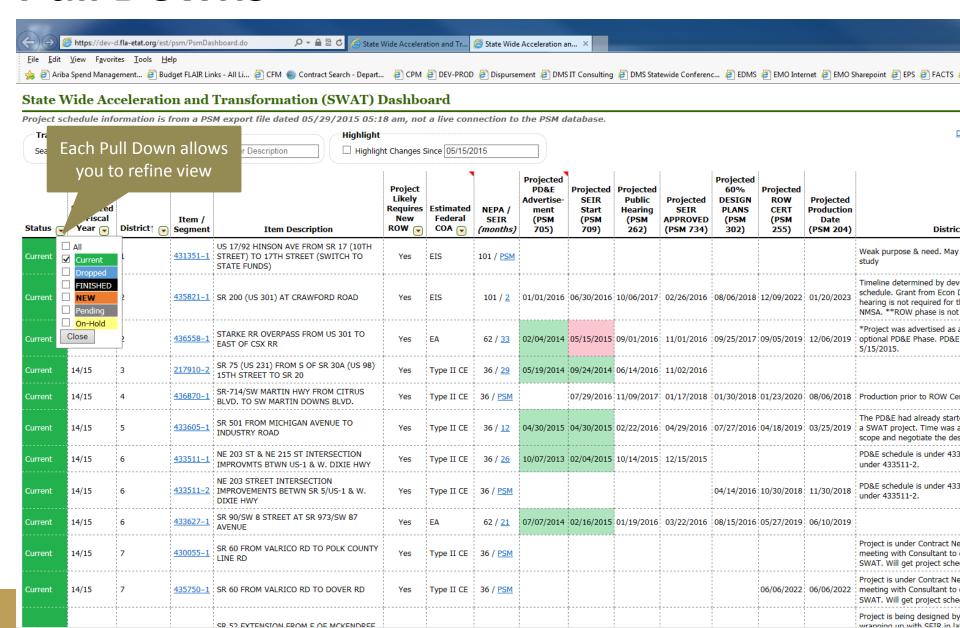


## Links to Work Program Details



### **Pull Downs**

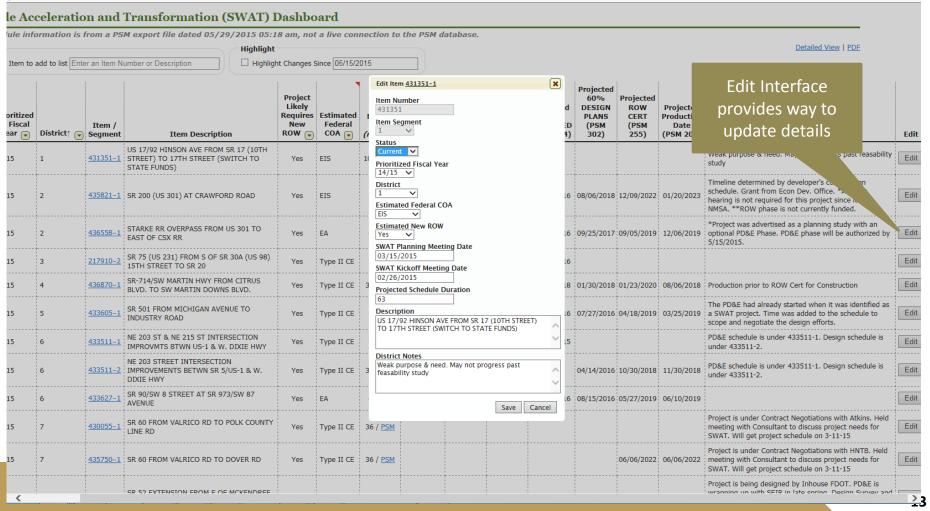






## Adding and Editing Projects

- Update Status Info or add new projects to track
- Can only edit "YOUR" projects



### For More Information



#### **Presenters:**

Pete McGilvray 850-414-5360 Peter.McGilvray@dot.state.fl.us

#### **References:**

- FDOT PD&E Manual
  - Available at:

http://www.dot.state.fl.us/emo/pubs/pdeman/pdeman1.shtm

- FDOT ETDM Manual
  - Available at:

http://www.dot.state.fl.us/emo/pubs/etdm/etdmmanual.shtm

